

STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED

FORM OGC-3

OCT 10 2012

<input checked="" type="checkbox"/> APPLICATION TO DRILL				<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Kansas Resource Exploration and Development, LLC								DATE 10/02/2012			
ADDRESS 9393 West 110th St., Suite 500				CITY Overland Park				STATE KS		ZIP CODE 66210	
DESCRIPTION OF WELL AND LEASE											
NAME OF LEASE Walton				WELL NUMBER KR-37				ELEVATION (GROUND) 1077'			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 4785 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South section line 2145 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line											
WELL LOCATION Sec. 4 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE N38 50' 41.030"		LONGITUDE W94 34' 20.940"		COUNTY Cass 037			
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 165 FEET											
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 115 FEET											
PROPOSED DEPTH 700'		DRILLING CONTRACTOR, NAME AND ADDRESS Utah Oil, LLC				ROTARY OR CABLE TOOLS Rotary		APPROX. DATE WORK WILL START 10/20/2012			
NUMBER OF ACRES IN LEASE 85.58		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 40									
		NUMBER OF ABANDONED WELLS ON LEASE 0									
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME DE Exploration ADDRESS 4595 Highway K33, Wellsville, KS 66092								NO. OF WELLS PRODUCING 30 INJECTION 9 INACTIVE 0 ABANDONED 0			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$				<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 160,000		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)											
PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST							
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT				
20'	8 5/8"	20	6 sks	20'	8 5/8"	20	6 sks				
700'	4 1/2"	11.6	125 sks	700'	4 1/2"	11.6	125 sks	Full length			
I, the Undersigned, state that I am the C.O.O. of the K.R.E.D. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.											
SIGNATURE BK								DATE 10/9/12			
PERMIT NUMBER 21100				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT							
APPROVED DATE 4-1-13											
APPROVED BY Joseph A. [Signature]											
NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.											
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE											
I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.											
DRILLER'S SIGNATURE B. Leech								DATE 10/9/12			



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

FORM OGC-4

OWNER'S NAME
Kansas Resource Exploration & Development

LEASE NAME
Walton KR-37

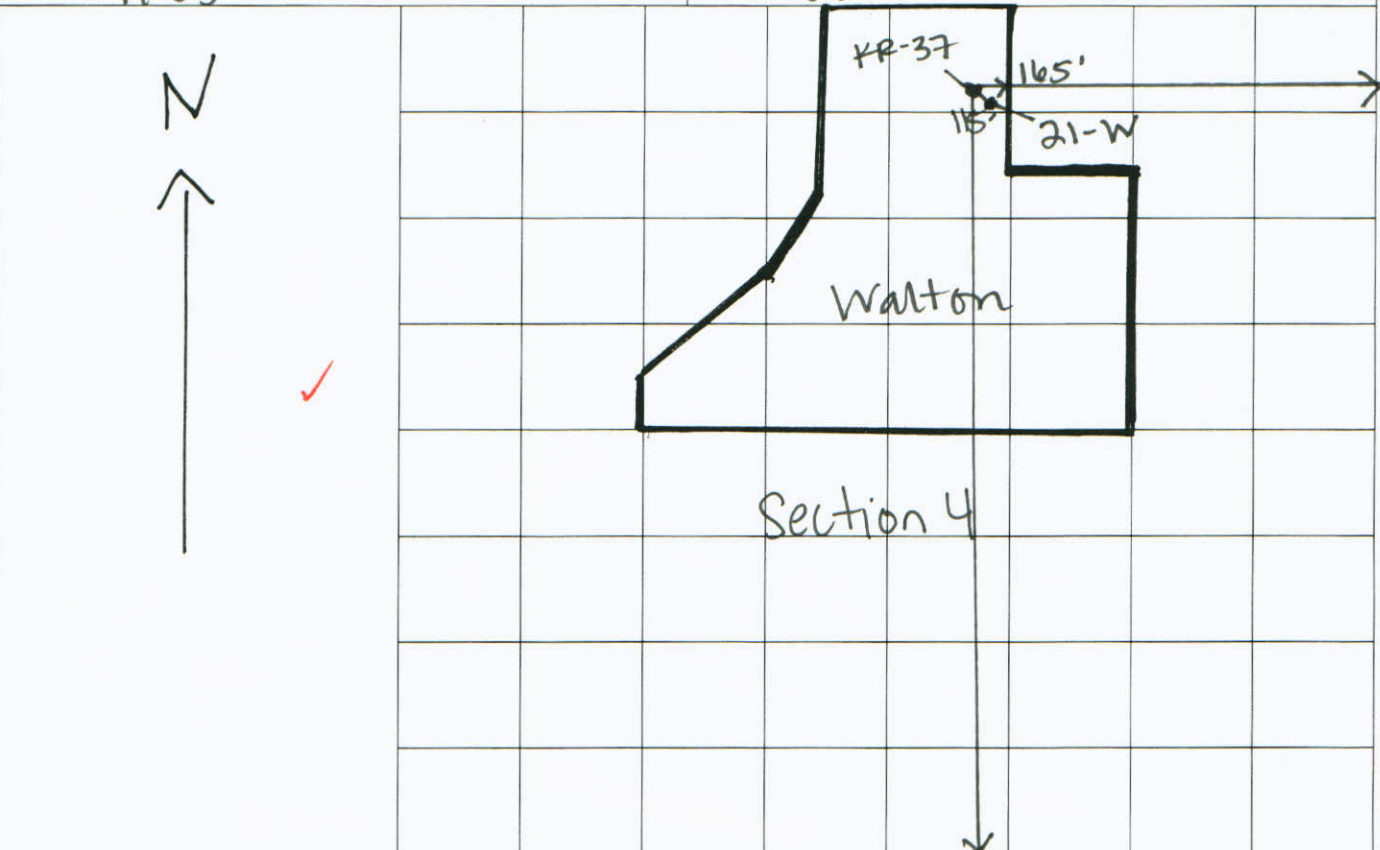
COUNTY
Cass

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
4785 ft. from ☐ North ☒ South from section line 2145 ft. from ☒ East ☐ West from section line

WELL LOCATION
Sec. 4 Township 46 North Range 33 ☐ East ☒ West

LATITUDE
N38° 50' 41.03"

LONGITUDE
W94° 34' 20.94"



REMARKS

1 square = 660 feet

*plugged 3/01/2013
037-20457*

Well # 21-W will be plugged before completion of KR-37

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
GEOLOGICAL SURVEY PROGRAM
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER



Missouri Department of Natural Resources

Geographic Information Systems

Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

<input type="button" value="Submit"/>			
<input checked="" type="radio"/> Universal Transverse Mercator [Zone 15 North]			
Easting	363535.12115108274 meters		
Northing	4300721.102682173 meters		
<input type="radio"/> Decimal Degrees			
Latitude	38.8447305555556 °		
Longitude	-94.5724833333332 °		
<input checked="" type="radio"/> Degrees, Minutes and Seconds			
Latitude Degrees	38 °		
Latitude Minutes	50 '		
Latitude Seconds	41.03 "		
Longitude Degrees	-94 °		
Longitude Minutes	34 '		
Longitude Seconds	20.94 "		













UTM Zone 15N [Easting, Northing]	[363535.1, 4300721.1] meters
Decimal Degrees [Lat, Lon]	[38.84473°, -94.572484°]
Deg, Min, Sec [Lat, Lon]	[38° 50' 41.0", -94° 34' 20.9"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 04 T46N R33W
Municipality	Belton
House District	123
Senate District	31
Congressional District	5
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Crooked]
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-Blue River]
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Blackwater/Lamine
Level III Ecoregion	Central Irregular Plains
Query Time	9.141 s

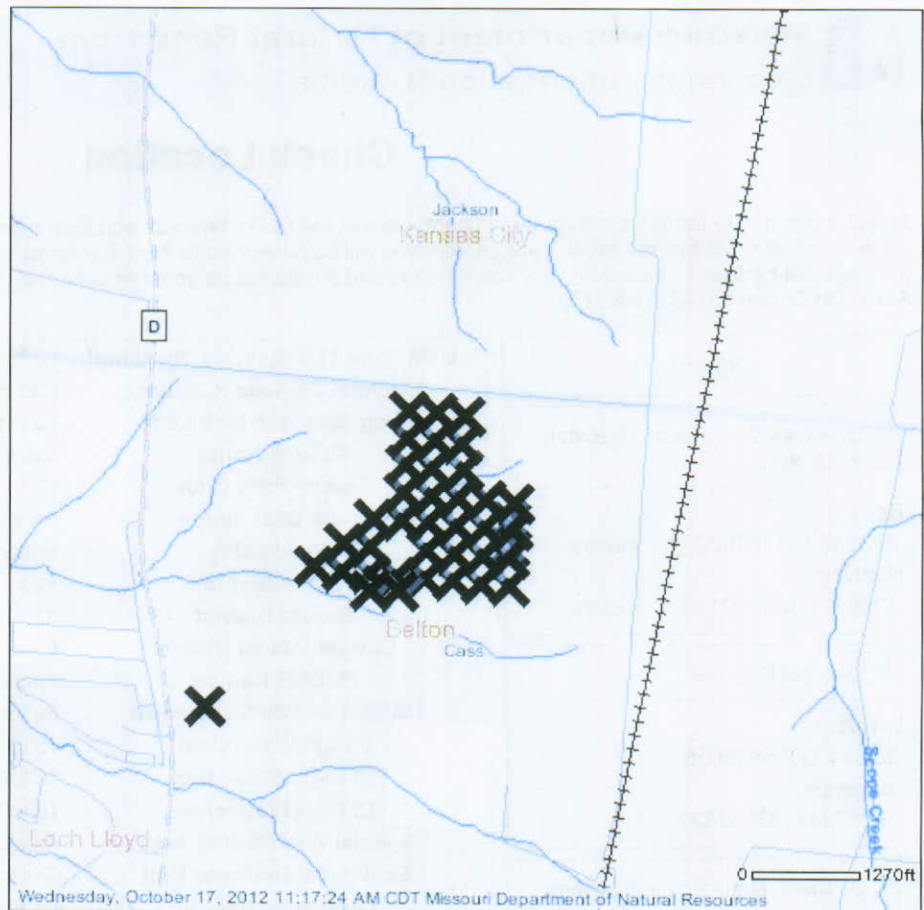
Rows with **re** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

Metadata

- [Interstate Highways](#)
- [US Highways](#)
- [State Highways](#)
- [Railroad](#)
- [Major and Minor Roads](#)
- [County Boundary](#)
- [Lakes](#)
- [Major Rivers](#)
- [Rivers and Streams](#)
- [Missouri River](#)
- [Mississippi River](#)
- [Municipal](#)

- Legend**
-  Interstate Highways
 -  US Highways
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 -  Major and Minor Roads
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 -  Municipal



View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department as to the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



P.O. Box 176, Jefferson City, MO 65102
800-361-4827 / 573-751-3443
E-mail: contact@dnr.mo.gov



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
PLUGGING RECORD

RECEIVED
FORM OGC-7

MAR 25 2013

OWNER'S NAME Kansas Resource Exploration & Development, LLC		ADDRESS 9393 W 110th Street, Ste. 500	
NAME OF LEASE Walton		WELL NUMBER 21W	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 037-20457
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 4 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE N38 50' 40.33"	LONGITUDE W94 34' 18.85"
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Town Oil Company		COUNTY Cass	
HAS THIS WELL EVER PRODUCED OIL OR GAS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) 1 GAS (MCF/DAY) 0	
DATE OF ABANDONMENT 03/01/2013		DRY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
TOTAL DEPTH 620'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) Injection GAS (MCF/DAY) Injection		WATER (BBLS/DAY) Injection

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
Squirrel Sandstone	Oil and Water	534-594	Squeezed 71 sks of Portland from surface
			to 603', topped off the well with 5 additional
			sks of Portland, shut in with 2" valve

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
2 7/8"	603'	0	603'	N/A	None

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER None
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
Maclaughlin, J.R. and A	1103 W47th, Apt B Kansas City, MO 64112	West
Beary, Helen	28 Briar Oaks Ln Reeds Springs, Mo 65737	East
Michael Effertz Farms LLC	16401 HOLMES RD, BELTON, MO 64012	South
Colt Energy, Rhoden Lease	4330 Shawnee Mssn Pky Fairway ks 66205	North

METHOD OF DISPOSAL OF MUD PIT CONTENTS	There was no pit used in this process, cement was squeezed directly down the well
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NOTE	FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)
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CERTIFICATE I, the undersigned, state that I am the _____ of the _____ (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

SIGNATURE 	DATE 03/03/2013
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